

## Message Text

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60

ORIGIN COME-00

INFO OCT-01 CIAE-00 DODE-00 EB-11 NSAE-00 RSC-01 TRSE-00

EUR-25 AEC-11 ADP-00 ACDA-19 /068 R

DRAFTED BY COMM/OEC:CCRAWFORD

8/3/73:

APPROVED BY EB/ITP/EWT:JMGREGORY, JR.

COMMERCE/OEC:MKRAVETZ

RPE

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R 031900Z AUG 73

FM SECSTATE WASHDC

TO USMISSION OECD PARIS

INFO AMEMBASSY MOSCOW

C O N F I D E N T I A L STATE 153155

EXCON

E.O. 11652: XGDS-1

TAGS: ESTC, COCOM, US, UR

SUBJ: US COMPUTERIZED VIBRATION ANALYSIS SYSTEM

TO USSR - IL 1565

REF: A) COCOM DOC (73) 1114

B) OECD PARIS 20181

C) OECD PARIS 20472

IN REPLY TO FRENCH QUESTIONS APPLICANT STATES:

1) THE END-USER IN THE USSR WILL USE THE NEW VIBRATION ANALYSIS SYSTEM TO STUDY THE DESIGN OF REFRIGERATION COMPRESSORS AND WILL BE CONCERNED ONLY WITH THE NON-ROTATING COMPONENTS. THIS INCLUDES STRUCTURAL COMPONENTS, SUPPORTS, AND RELATED NON-ROTATING MEMBERS. THE DIGITAL EQUIPMENT DESIGNED BY THE APPLICANT PERMITS DERIVATION OF THE MATHEMATICAL MODEL OF THE NON-ROTATING COMPONENTS. IT IS NOT POSSIBLE UNDER PRESENT TECHNOLOGY TO DERIVE ANY MODEL OF THE MOVING PARTS OF THE COMPRESSORS.

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2) THE COMPRESSORS ARE OF A RECIPROCATING PISTON TYPE.

NO TURBINE TYPE COMPRESSORS WILL BE STUDIED.

3) THE END-USER HAS NO PLANS OR EQUIPMENT FOR THE LIQUIFICATION OF PROPANE OR BUTANE.

4) THE REFRIGERATION COMPRESSORS ARE HEAVY DUTY INDUSTRIAL TYPES NORMALLY USED FOR COLD STORAGE PLANT APPLICATIONS. THE USMANUFACTURERS' PERSONNEL WILL COMPLETE THE INSTALLATION AND TRAINING IN MOSCOW AND WILL HAVE ACCESS TO THE COMPLETE LABORATORY AND ALL EQUIPMENT OF THE END-USER. THEREFORE IT WILL BE POSSIBLE TO VERIFY THE END USER'S APPLICATIONS ON SITE. ROGERS

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## Message Attributes

**Automatic Decaptioning:** X  
**Capture Date:** 01 JAN 1994  
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**Current Classification:** UNCLASSIFIED  
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**Control Number:** n/a  
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**Decaption Date:** 01 JAN 1960  
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**Disposition Case Number:** n/a  
**Disposition Comment:** 25 YEAR REVIEW  
**Disposition Date:** 28 MAY 2004  
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**Disposition Reason:**  
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**Document Unique ID:** 00  
**Drafter:** CCRAWFORD  
**Enclosure:** n/a  
**Executive Order:** X1 GREGORY  
**Errors:** N/A  
**Film Number:** n/a  
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**Subject:** US COMPUTERIZED VIBRATION ANALYSIS SYSTEM TO USSR - IL 1565  
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